

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**

FIG. 1

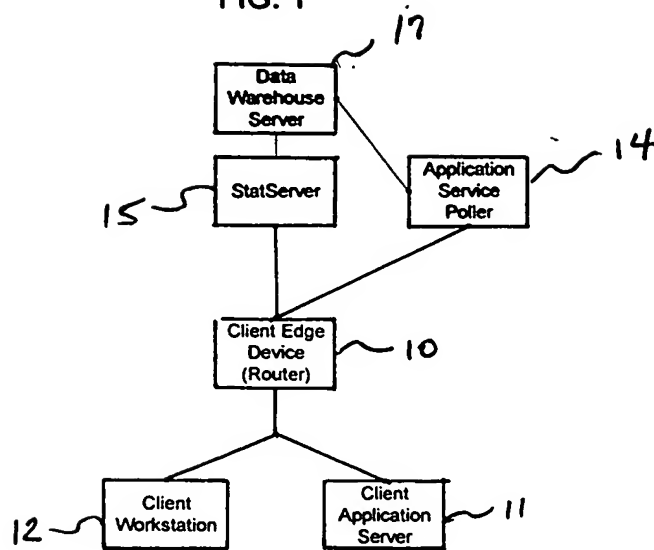
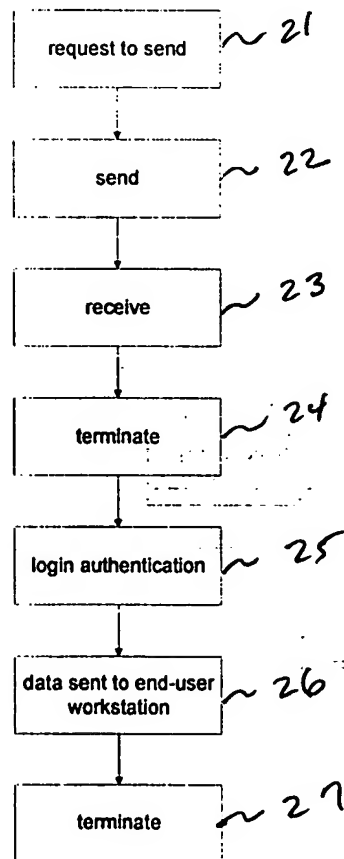


FIG. 2



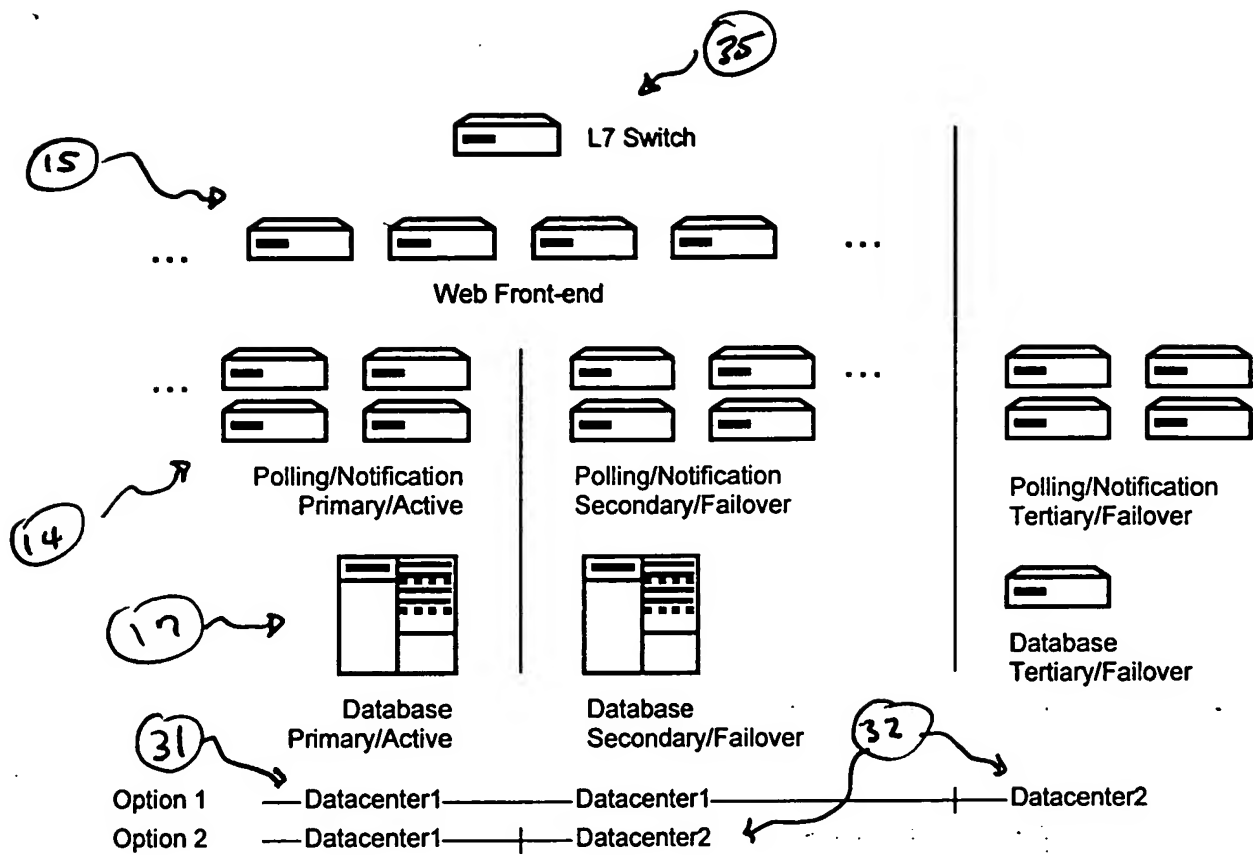


FIG. 3

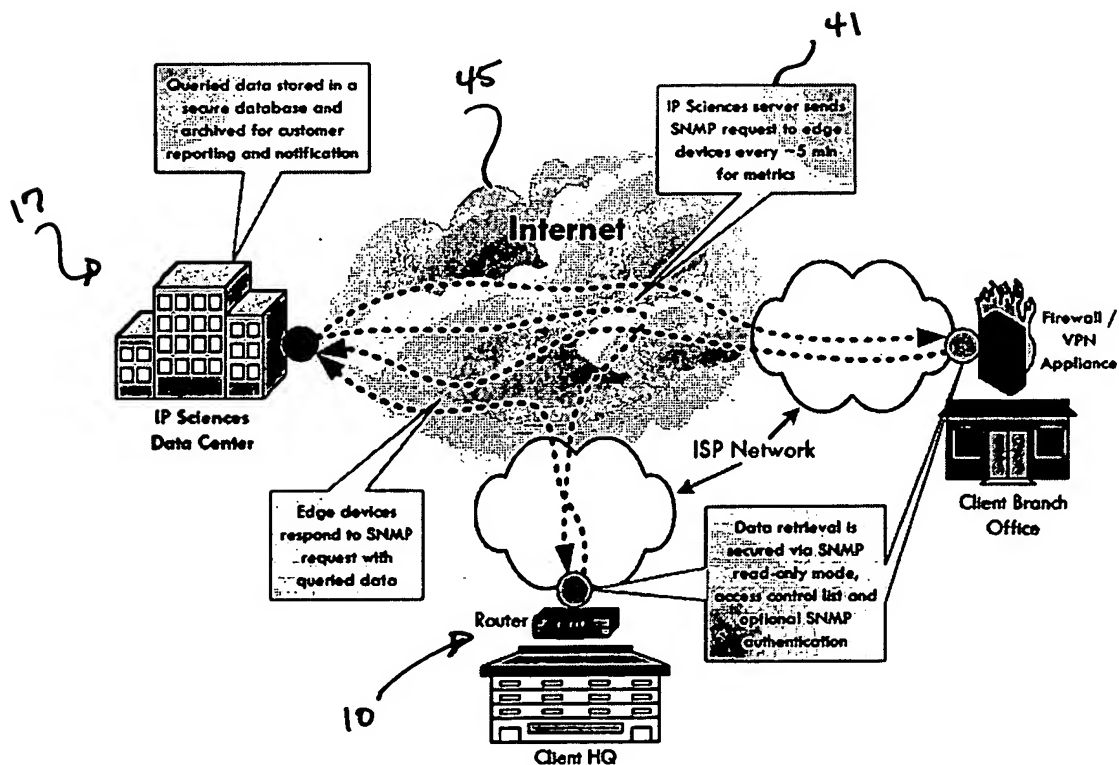
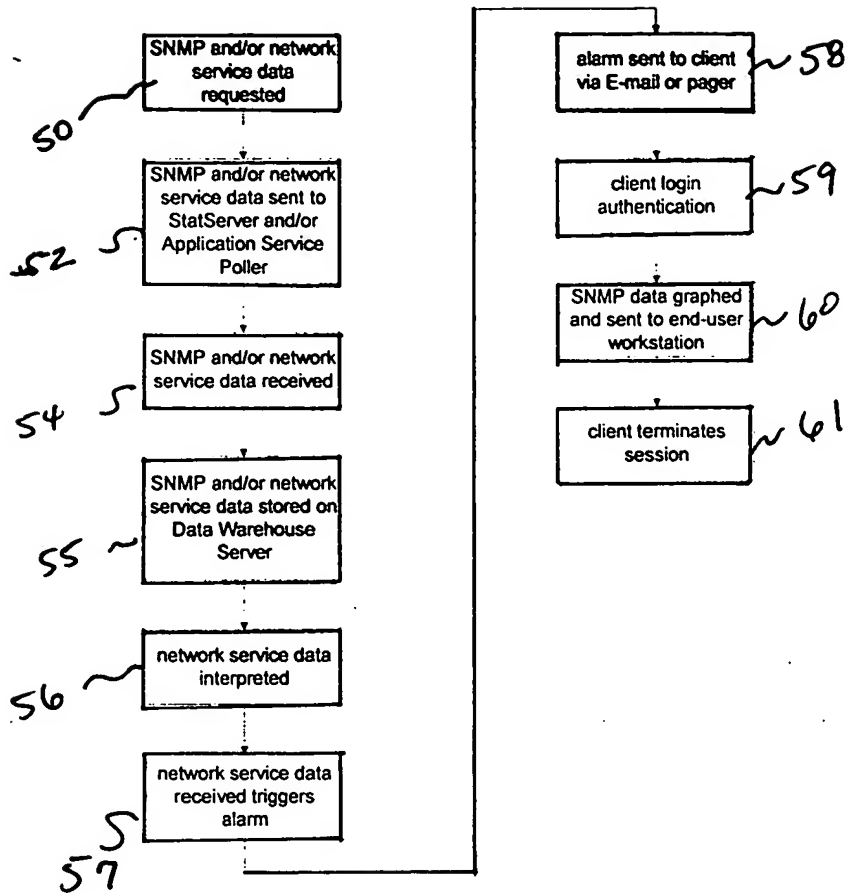


FIG. 4

FIG. 5



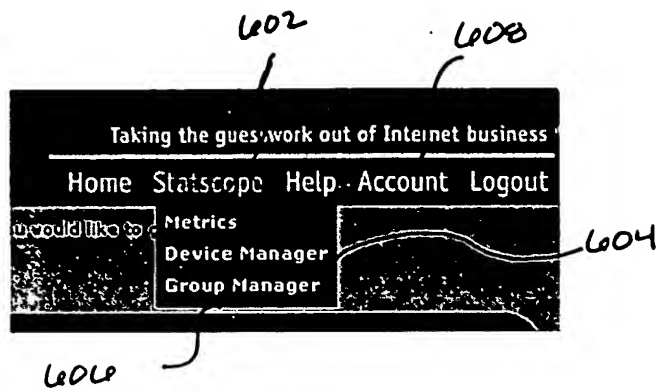


FIG. 6



FIG. 7

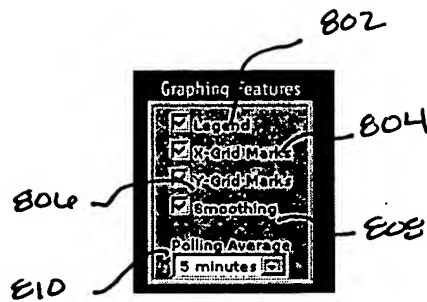


FIG. 8

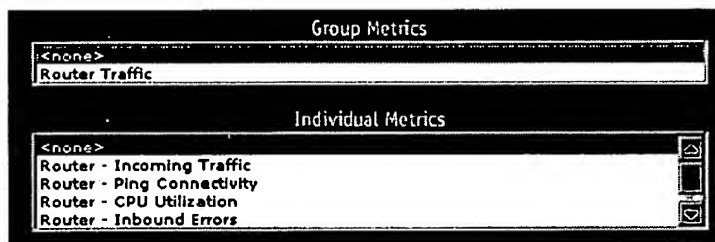


FIG. 9

Edit Monitor

Functionality

Polling: ☒

Notifications: ☐

Primary Contact

Primary Email:

Primary Pager:

Secondary Contact

Email:

Pager:

Tertiary Contact

Email:

Pager:

Escalation Delay

Primary Level: 0

Secondary Level: 0

Tertiary Level: 0

Thresholds:

High: -1

Low: -1

FIG. 10

	Alias	IP Address	ISP	Type	Location	Monitors		
						Alias	Type	Polling Alerts
D e v i c e s						<input checked="" type="checkbox"/> CPU Utilization	snmp	<input type="checkbox"/>
						<input checked="" type="checkbox"/> Inbound Errors	snmp	<input type="checkbox"/>
	<input checked="" type="checkbox"/> Cisco Router	64.38.175.151	Verio	Router	Seattle, WA	<input checked="" type="checkbox"/> Incoming Traffic	snmp	<input type="checkbox"/>
						<input checked="" type="checkbox"/> Outbound Errors	snmp	<input type="checkbox"/>
						<input checked="" type="checkbox"/> Outgoing Traffic	snmp	<input type="checkbox"/>
						<input checked="" type="checkbox"/> Ping Connectivity	connectivity	<input type="checkbox"/>
<input type="button" value="Edit Device"/> <input type="button" value="Edit Monitor"/>								

1102

FIG. 11

Add Group

Group Alias:

Edit Groups

Group Alias:	Cisco Router - Incoming Traffic
Router Errors	Cisco Router - CPU Utilization
	Cisco Router - Inbound Errors
	Cisco Router - Outbound Errors

Preview Group

Group Alias: Router Errors

Delete Group

Group Alias: Router Errors

FIG. 12

Technical Contact		Billing Contact	
Name:	Brian Mansell	Name:	Brian Mansel
Email Address:	brian.mansell@ipsdences.com	Email Address:	brian.mansell@ipsdences.com
Phone Number:	206-679-1949	Phone Number:	206-679-1949
Mobile Number:	206-679-1949	Mobile Number:	206-679-1949
		Address:	2566 14th Ave W #5
		Address (Optional):	
		City, State:	Seattle, WA
		Zip Code:	98119

Name:
 Email Address:
 Phone Number:
 Mobile Number:
 Address:
 Address (Optional):
 City, State:
 Zip Code:

FIG. 13

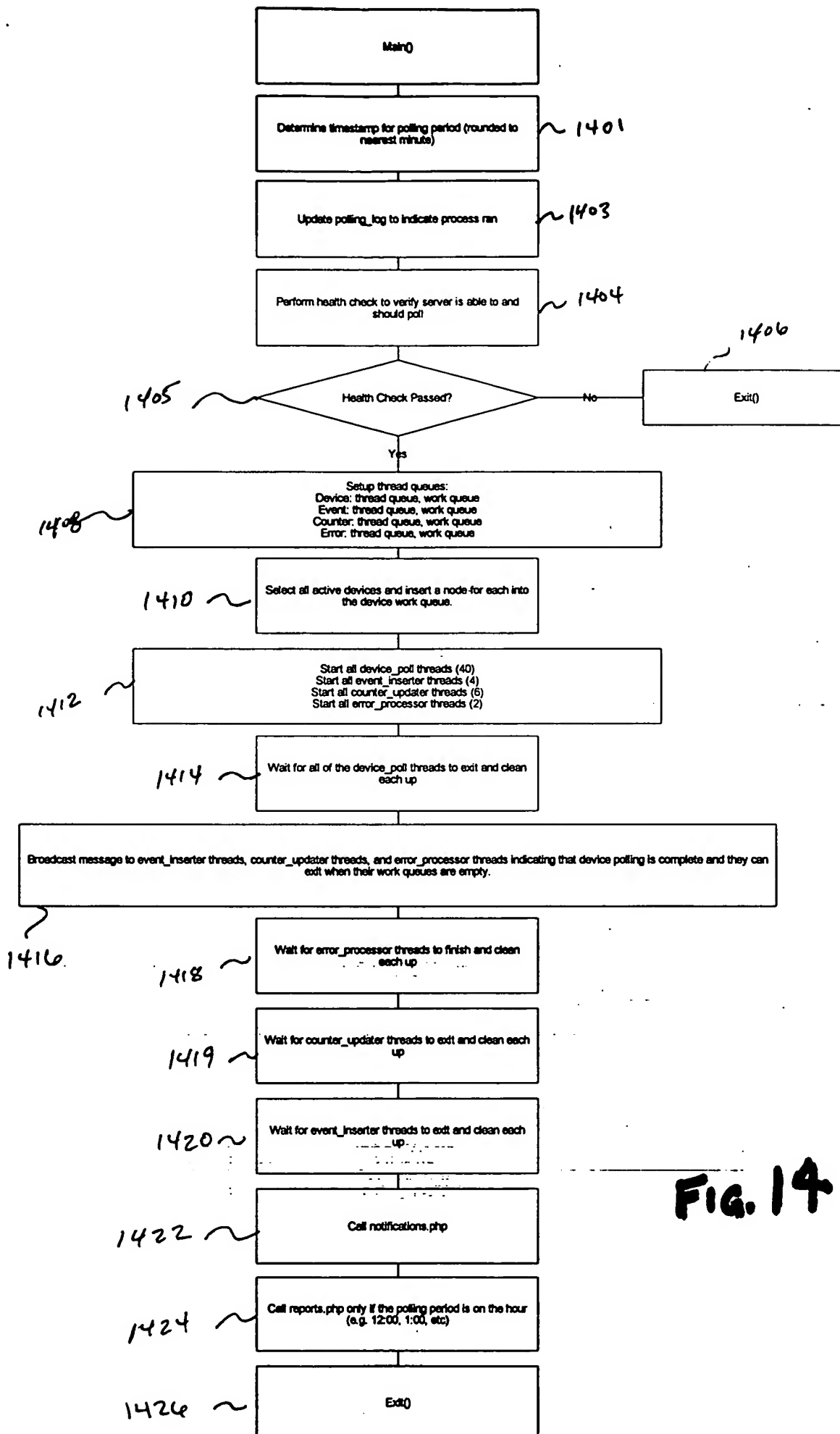
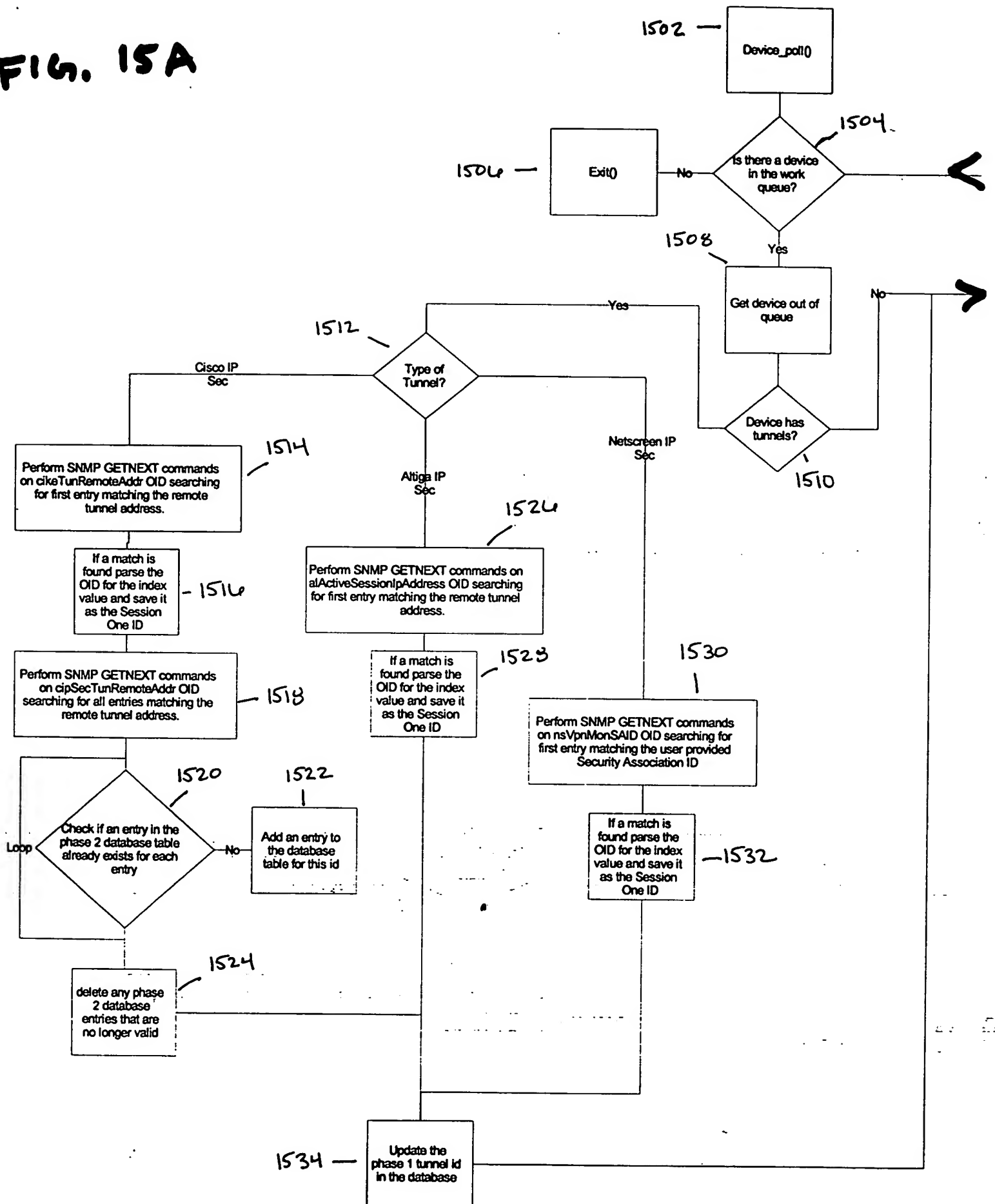
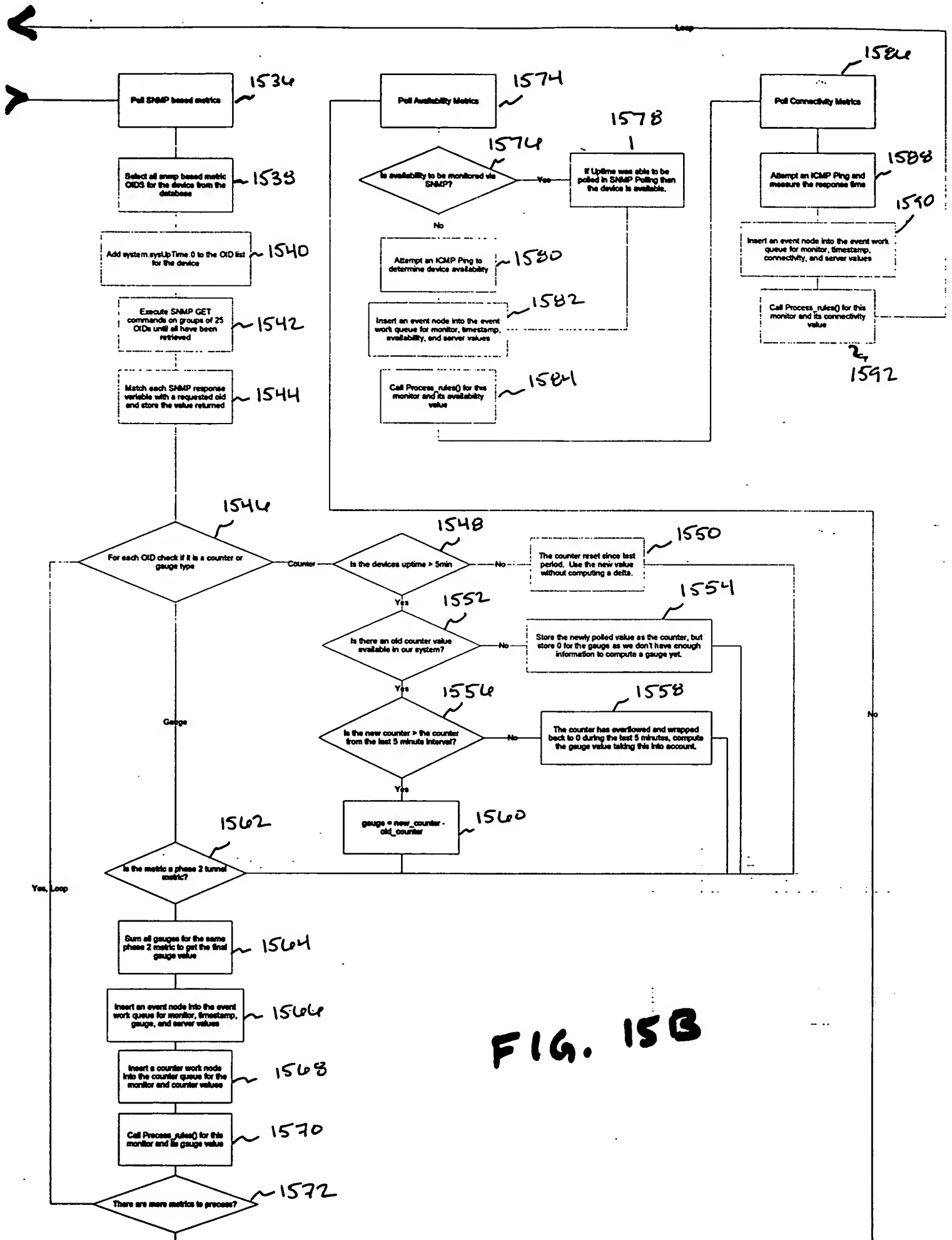
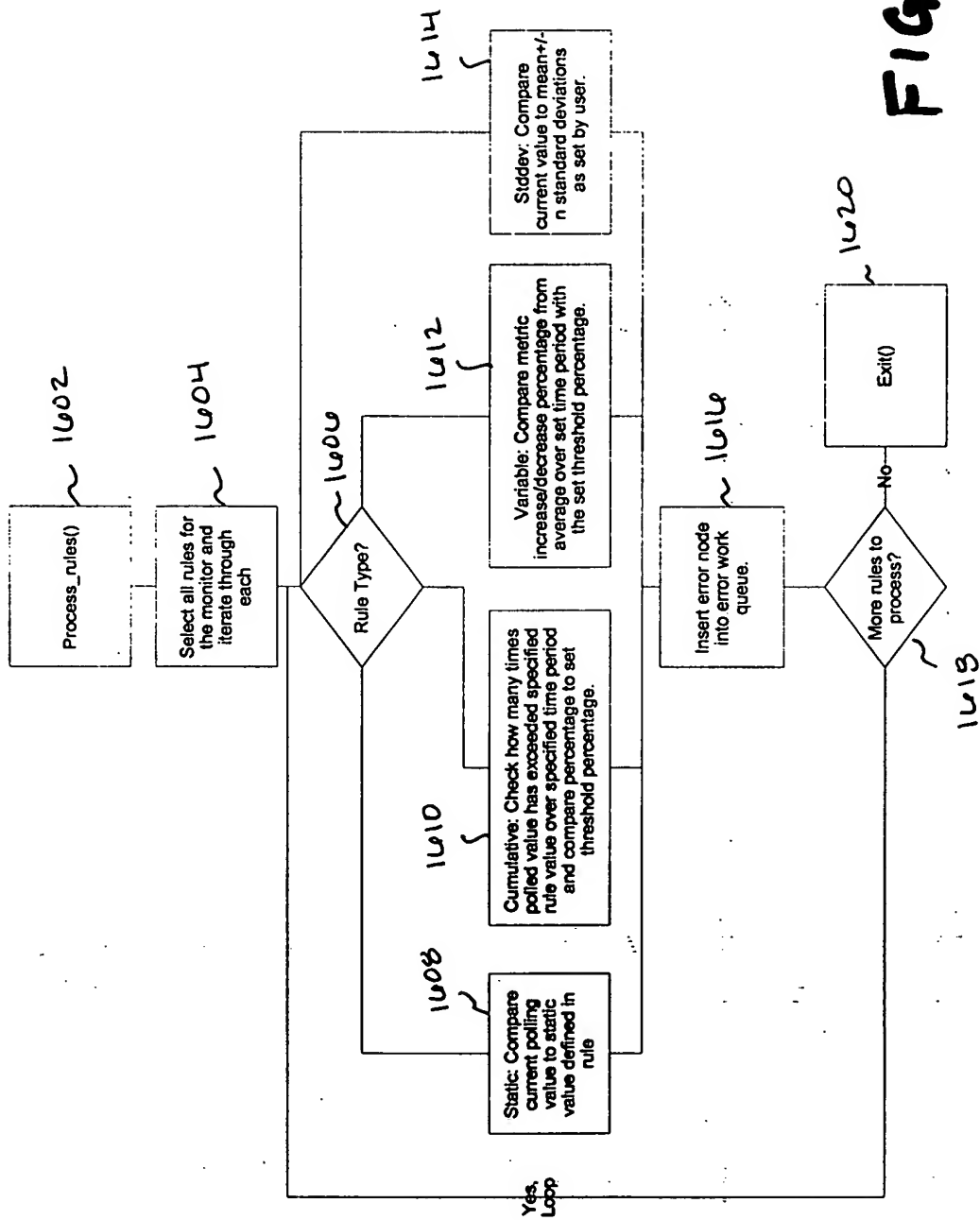


FIG. 14

FIG. 15A







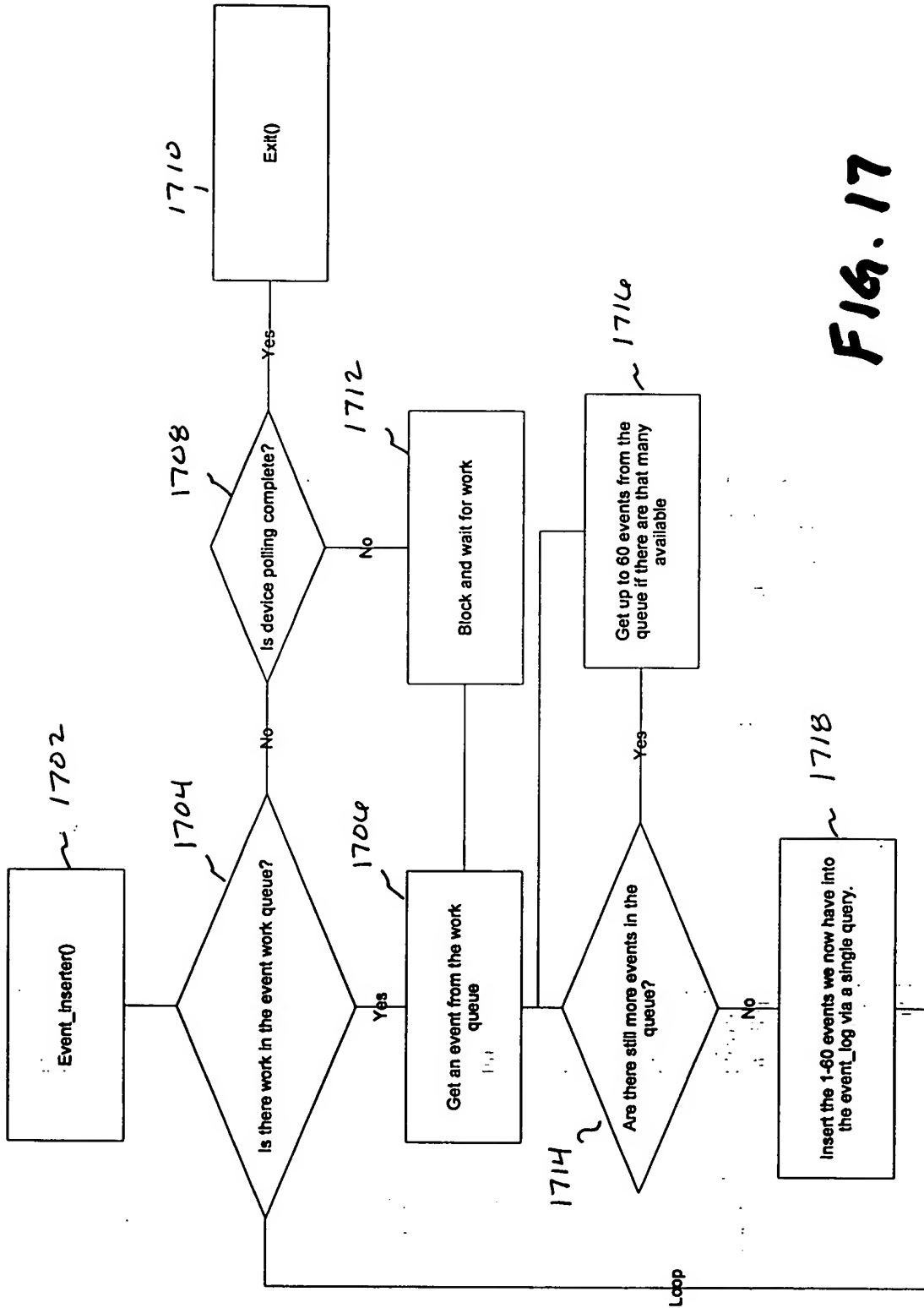


Fig. 17

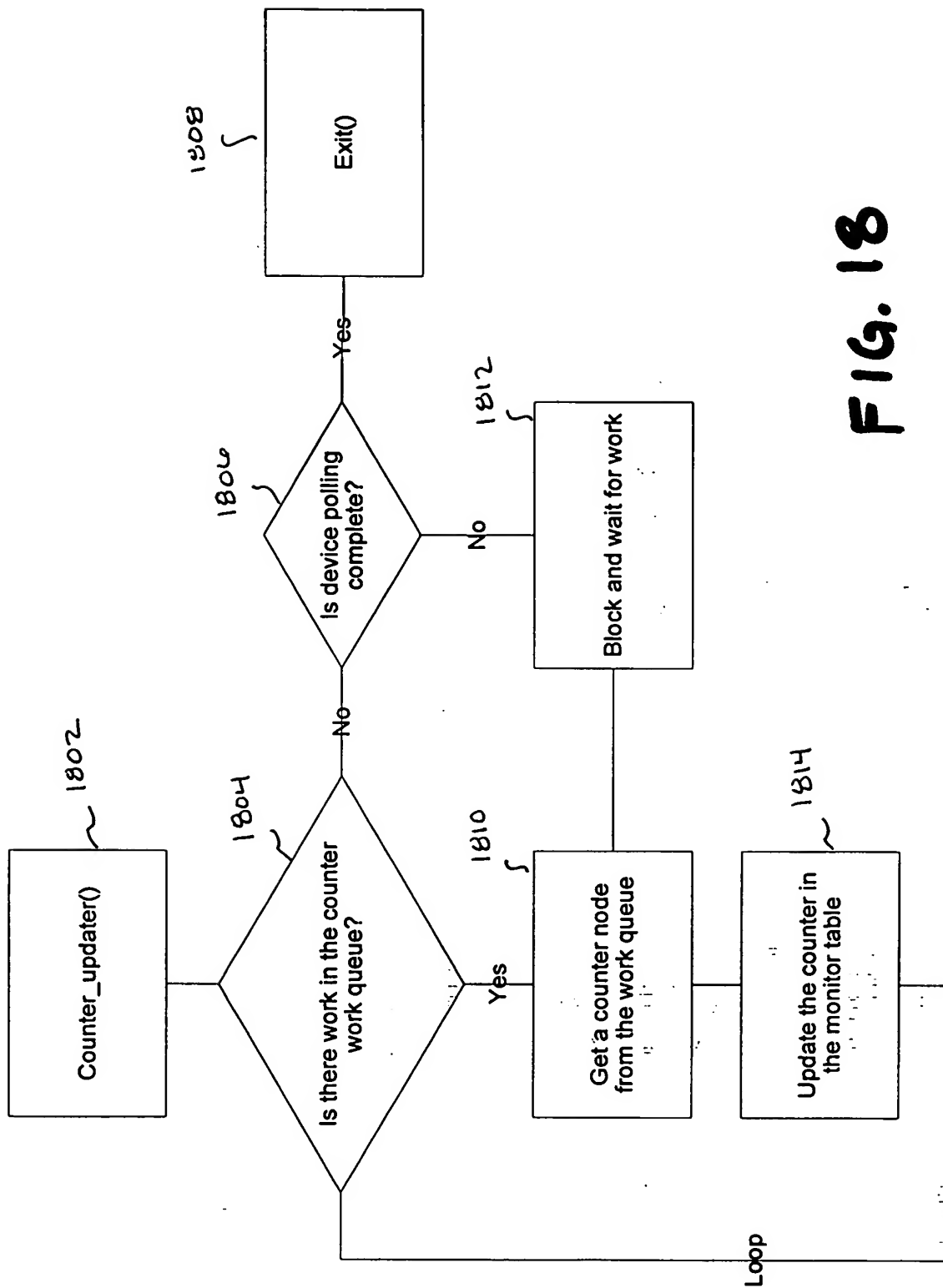
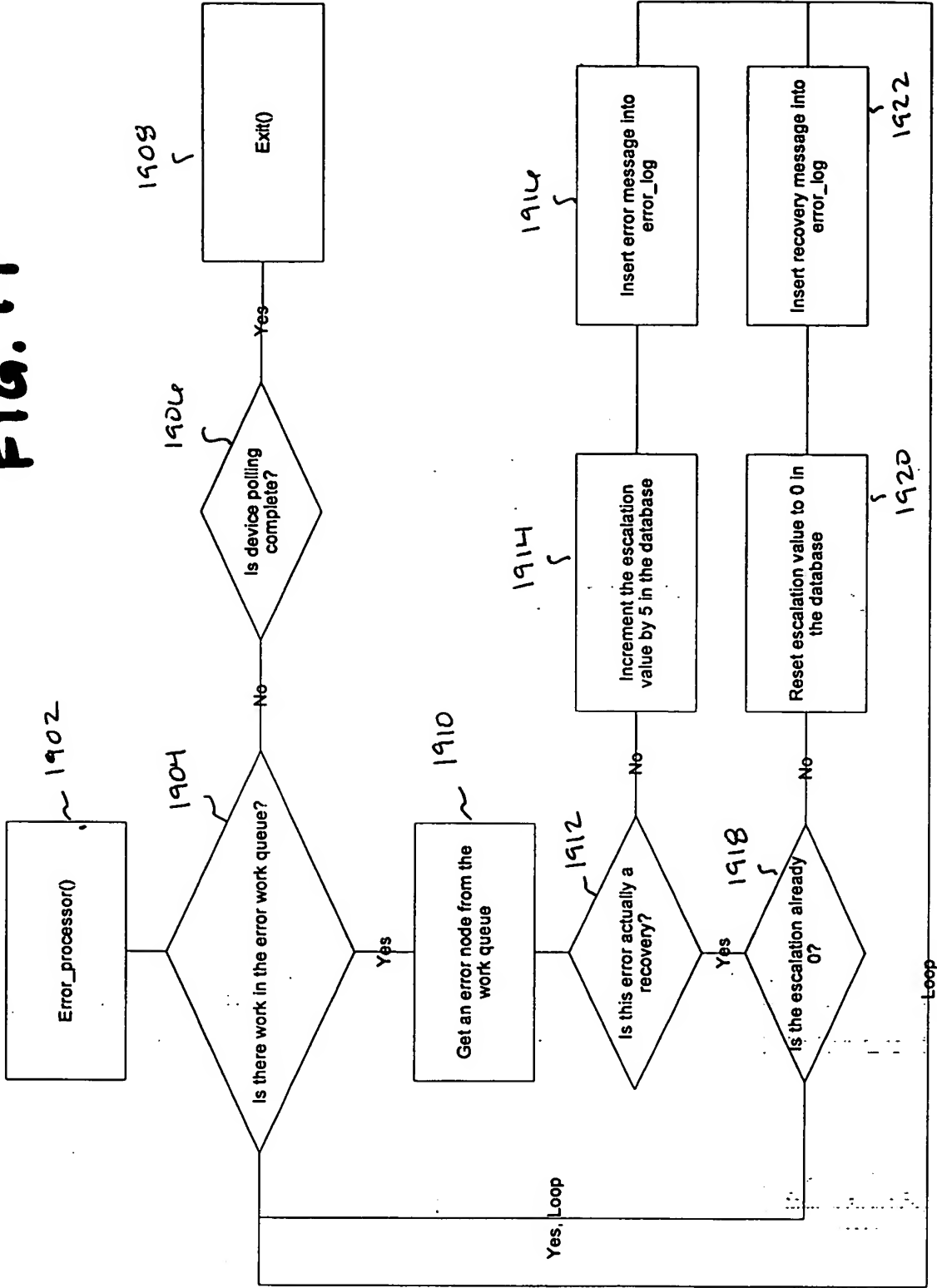


FIG. 18

FIG. 19



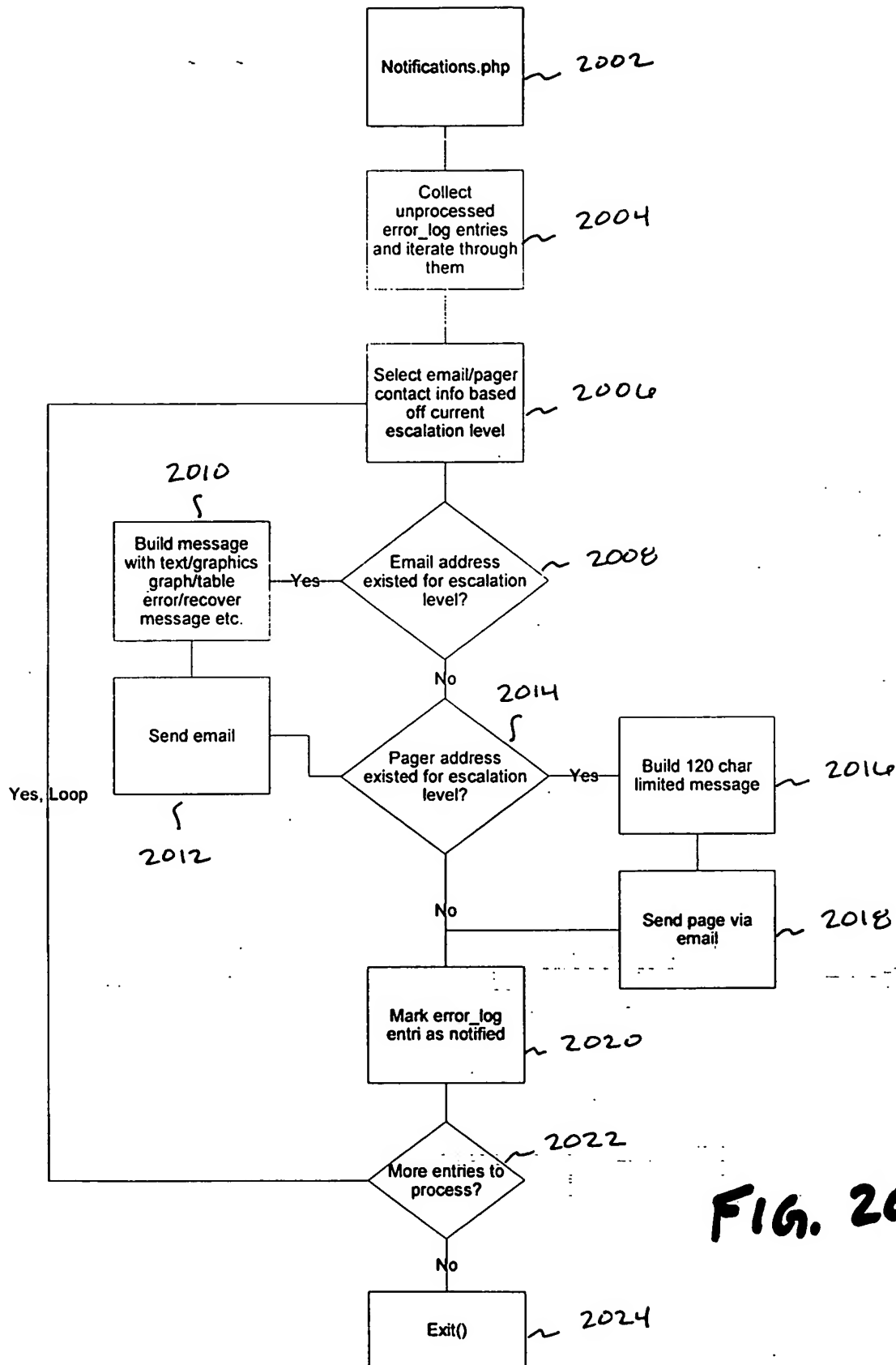
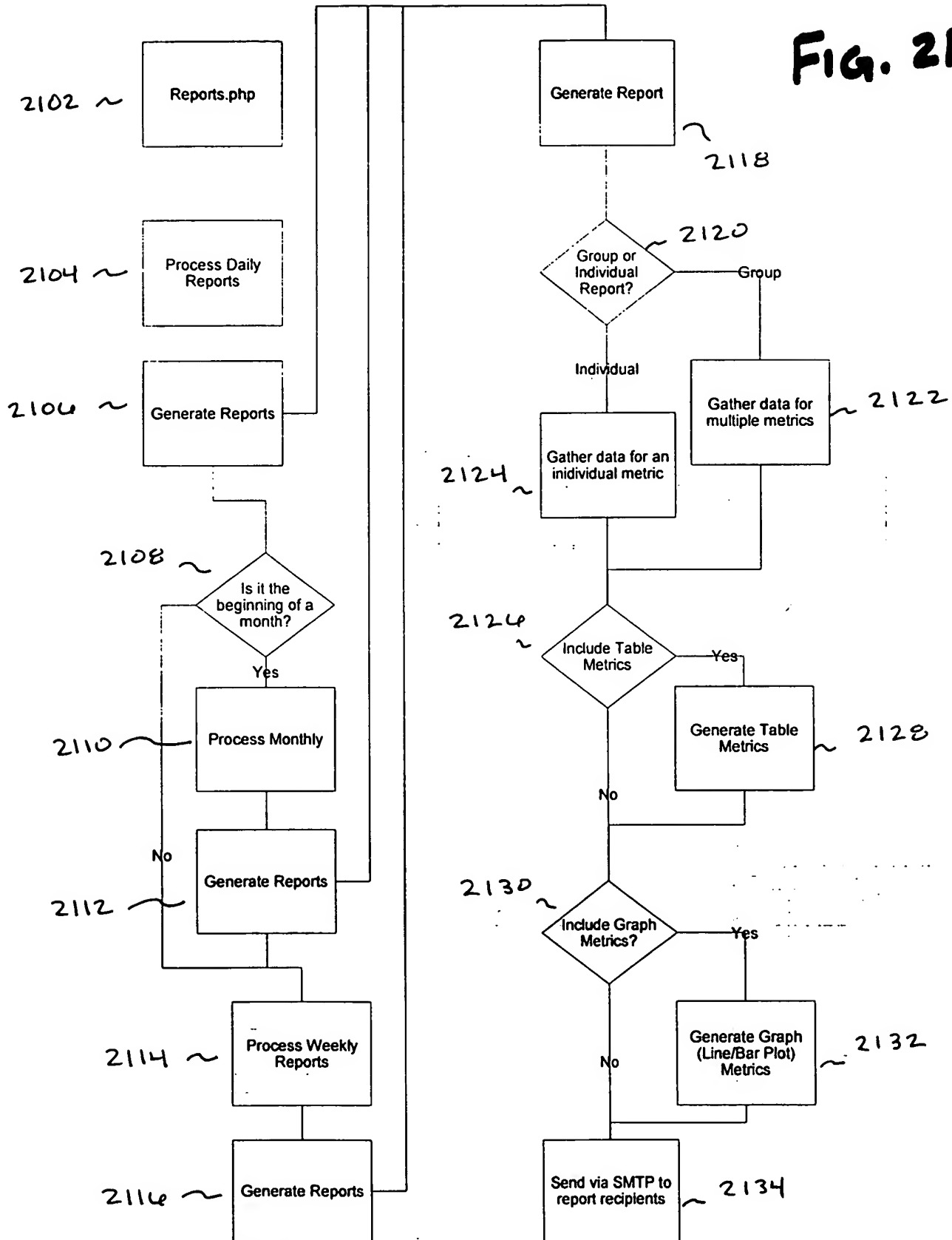


FIG. 20

Fig. 21



Edit Notification Settings

Cisco PIX 501 - Connections

☒ Functionality
☒ WCCP Policy
☒ Redundant
☒ Static Thresholds

Primary Contact
 Email:
 Pager:

Secondary Contact
 Email:
 Pager:

Tertiary Contact
 Email:
 Pager:

Escalation Delay
 Primary Level: 0
 Secondary Level: 0
 Tertiary Level: 0

FIG. 25

Static Thresholds

Cisco PIX 501 - CPU Utilization

High (percent):
 Low (percent):

FIG. 26

Device Manager

Selected	Alias	IP Address	ISP	Type	Location
<input checked="" type="radio"/>	Cisco Router	64.38.175.161	Verio	Router	Seattle, WA

FIG. 27

Edit Device Attributes

Alias:
 IP Address:
 ISP:
 Type:
 Location:

FIG. 28

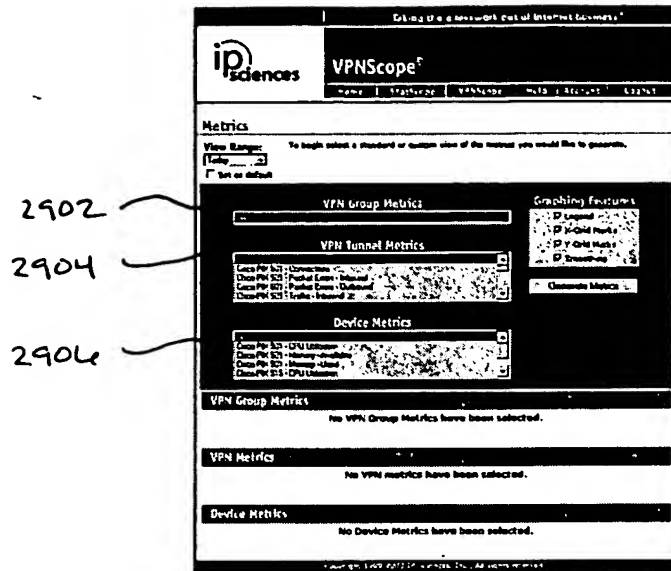


FIG. 29

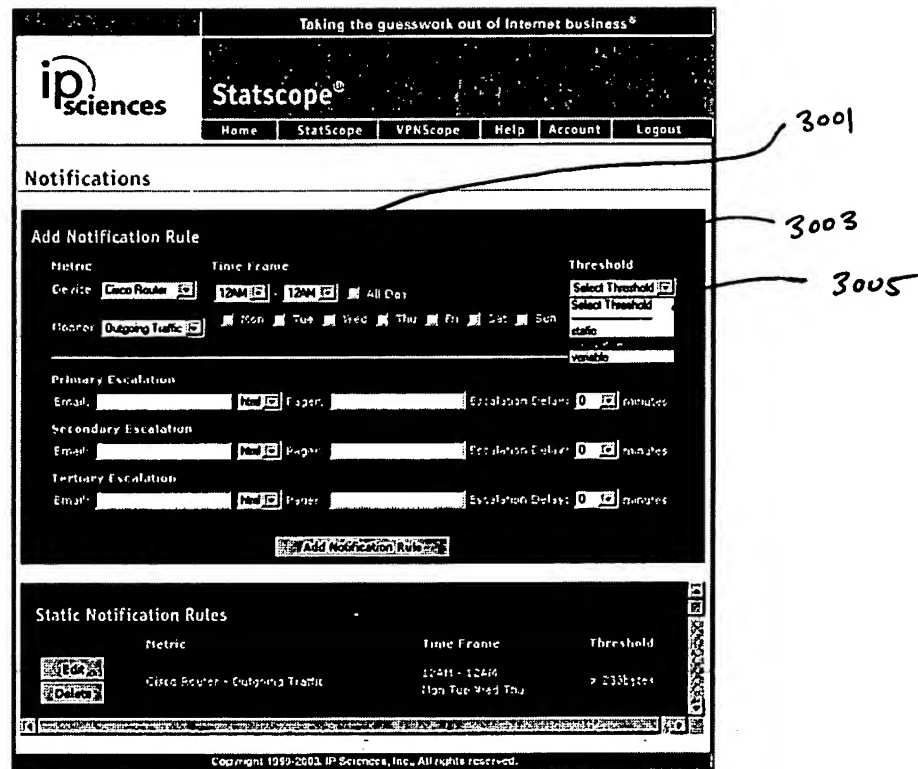


FIG. 30A

Alert Rules

Day(s)	Time	Threshold Type	Threshold	Metric(s)
<input checked="" type="radio"/> All Week	All Day	Cumulative	exceeds 45.00 percent for 40% of polling periods over 15 hours	Orange Router - CPU Utilization
<input type="radio"/> All Week	All Day	Static	exceeds 45.00 percent	Cisco Router - CPU Utilization
<input type="radio"/> All Week	All Day	Variable	increases by a unit value of 13.67 kbps over 14 hours	dev01 - eth3 - Inbound Traffic
<input type="radio"/> All Week	All Day	Variable	increases by a percentage value of 45% over 11 hours	dev01 - interface - Inbound Traffic
				Cisco Router - External - Inbound Traffic
				dev01 - interface - Inbound Traffic

FIG. 30B

Threshold: Static
 If metric exceeds 1.75 bps during a polling period.

FIG. 31A

Threshold: Standard Deviation
 If current metric's value exceeds mean +/- 1.75 standard deviations as evaluated over the past 14 days

FIG. 31B

Threshold: Variable
 If current metric increases by a percentage value of 45 % from the average value calculated over the past --- hours

FIG. 32A

Threshold: Variable
 If current metric increases by a unit value of 45 percent from the average value calculated over the past --- hours

FIG. 32B

Threshold: Cumulative
 If tunnel is unavailable for 50% of polling periods over 6 days

FIG. 33

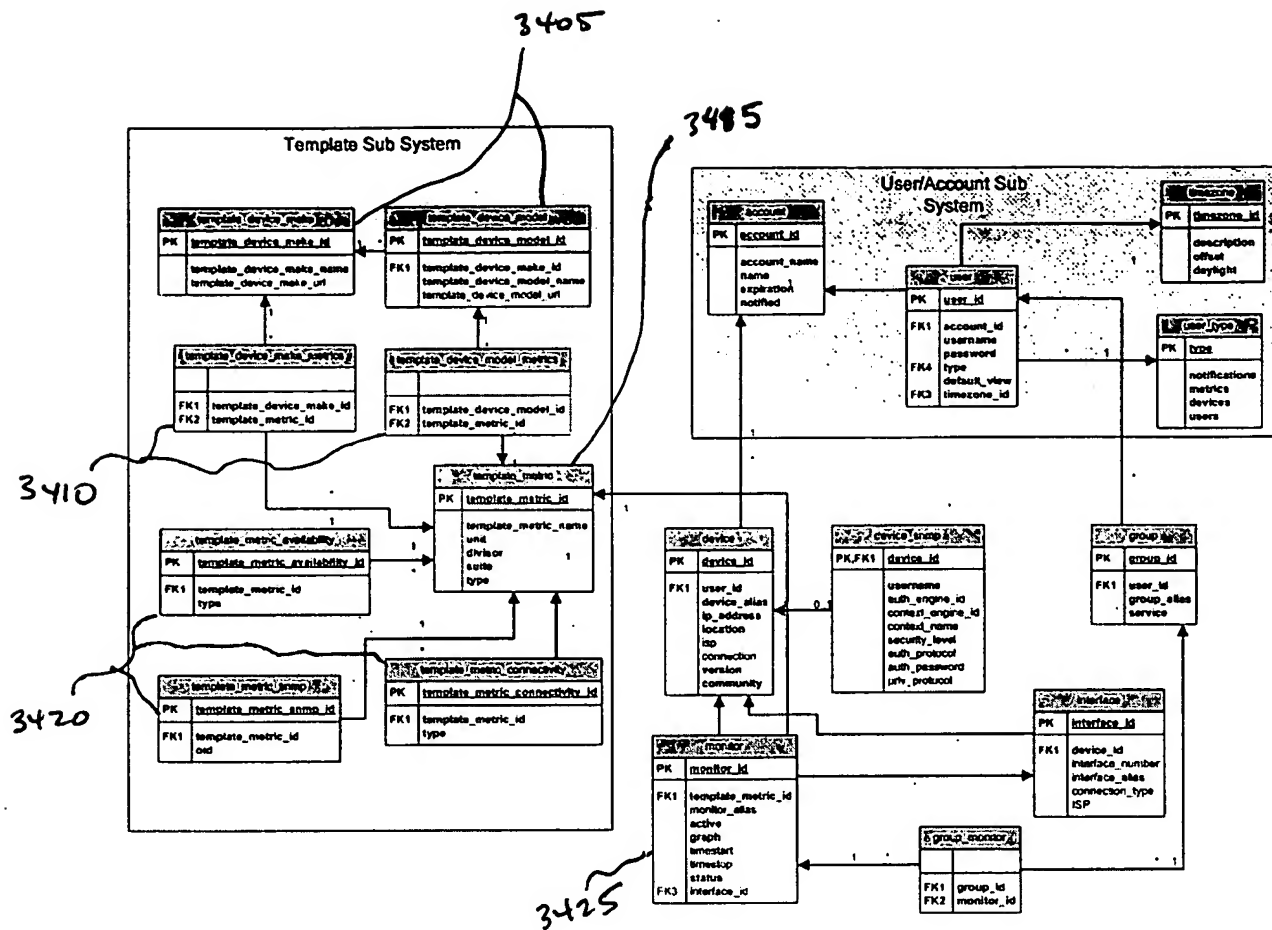


FIG. 34



FIG. 35

3600

Select Devices

- ☐ Device
- ☒ Location
 - ☒ Continent
 - ☒ North America
 - ☐ Country
 - ☒ United States
 - ☐ State
 - ☐ California
 - ☒ Washington
 - ☐ City
 - ☒ Los Angeles
 - ☒ Seattle
 - ☒ Spokane
 - ☐ Building
 - ☒ [Unknown]
 - ☒ C&H Office
 - ☒ Xion Office
 - ☐ Floor/Room
 - ☒ [Unknown]
 - ☒ Basement
- ☐ ISP
 - ☐ Alias
 - ☒ [Unknown]
 - ☒ AT&T
- ☐ Circuit Type
 - ☐ DSL
 - ☒ GIG-E

Select Devices

FIG. 36

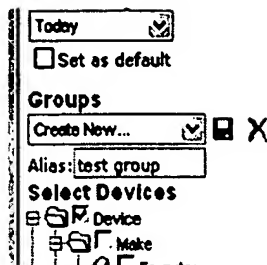


FIG. 39

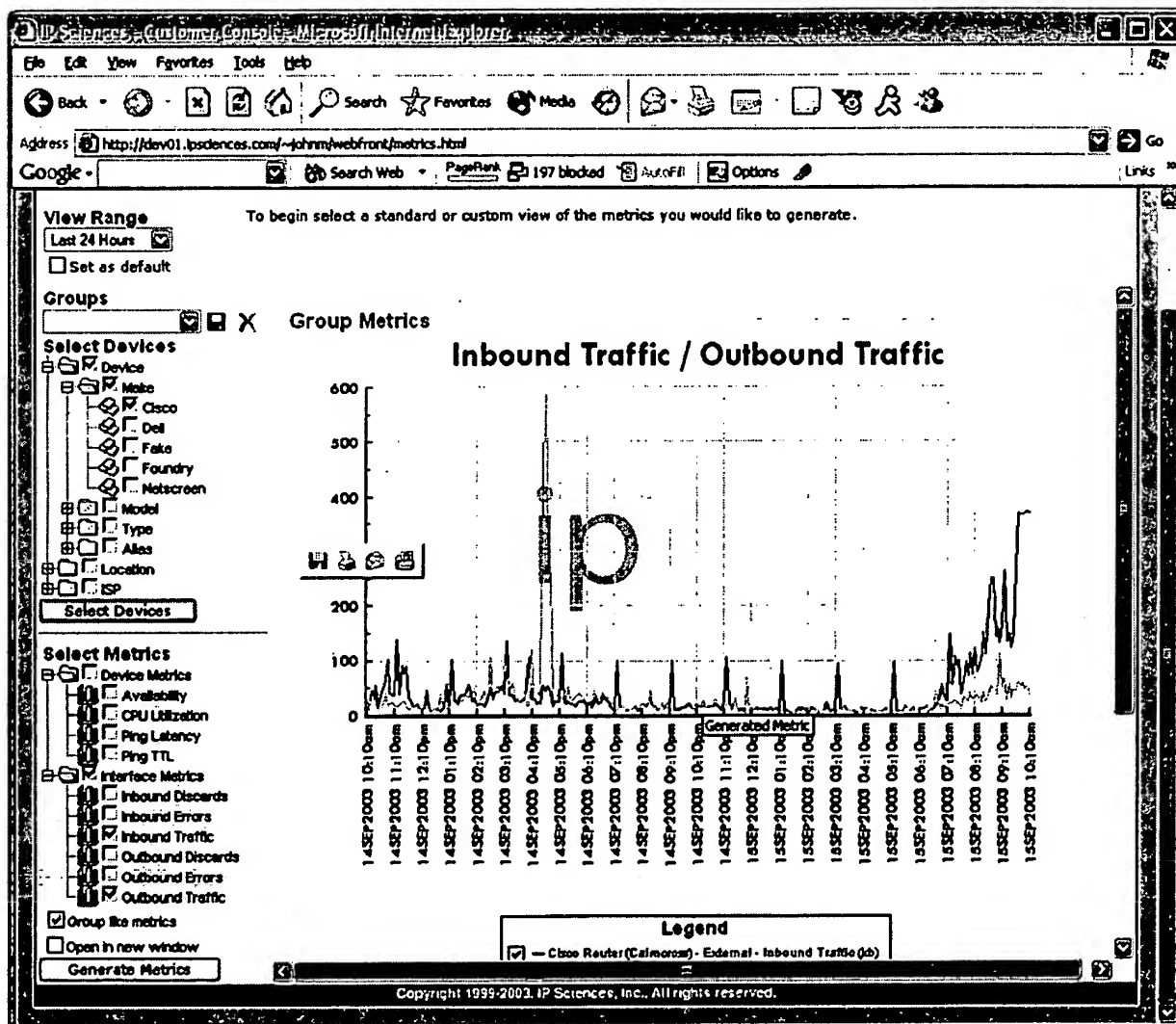


FIG. 40

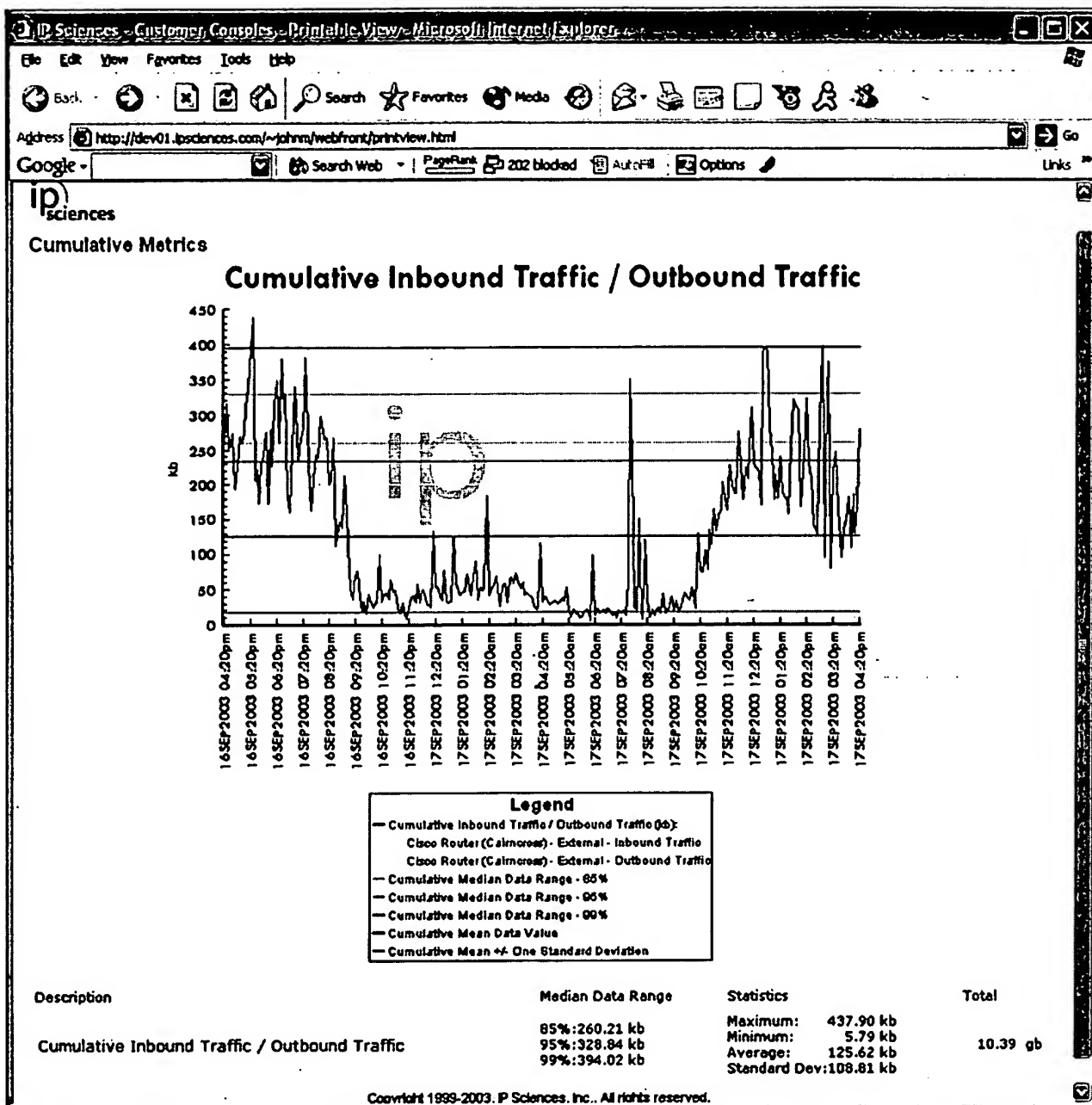


FIG. 41

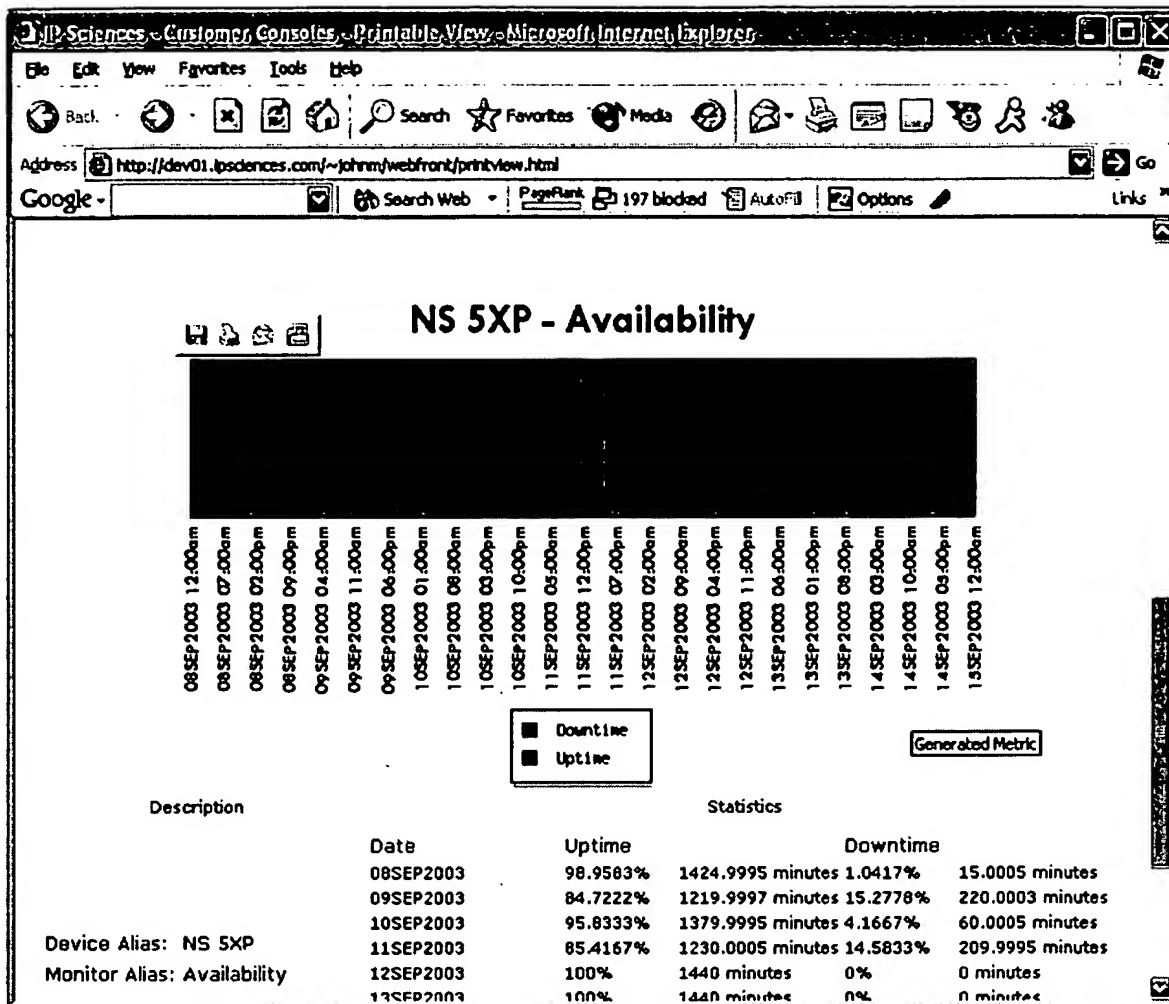


FIG. 42

Sciences Customer Console - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Mode Print Mail News RSS Feeds

Address http://dev01.psdenances.com/~johnn/webfront/notifications.html Go

Google Search Web PageRank 197 blocked AutoFill Options Links

ipsciences Intelligent. Proactive. Secure.™

Notifications

Add Alert Rule

Metric Type: ☐ Device ☒ Interface

Metric Alias: Inbound Traffic

Interfaces:

- ☒ XLON Test Router - 134
- ☒ XLON Test Router - 129
- ☐ Cisco Router (Cairncross) - External
- ☒ dev01 - eth2
- ☒ dev01 - eth3

Time Frame: 12AM - 12AM ☐ All Day

Days: ☐ Mon ☐ Tue ☐ Wed ☐ Thu ☐ Fri ☐ Sat ☐ Sun ☐ All Week

Threshold: Static

If metric exceeds 23 mbps during polling period.

Email:

Primary Escalation: Mobile Email:

Escalation Delay: 0 minutes

FIG. 43

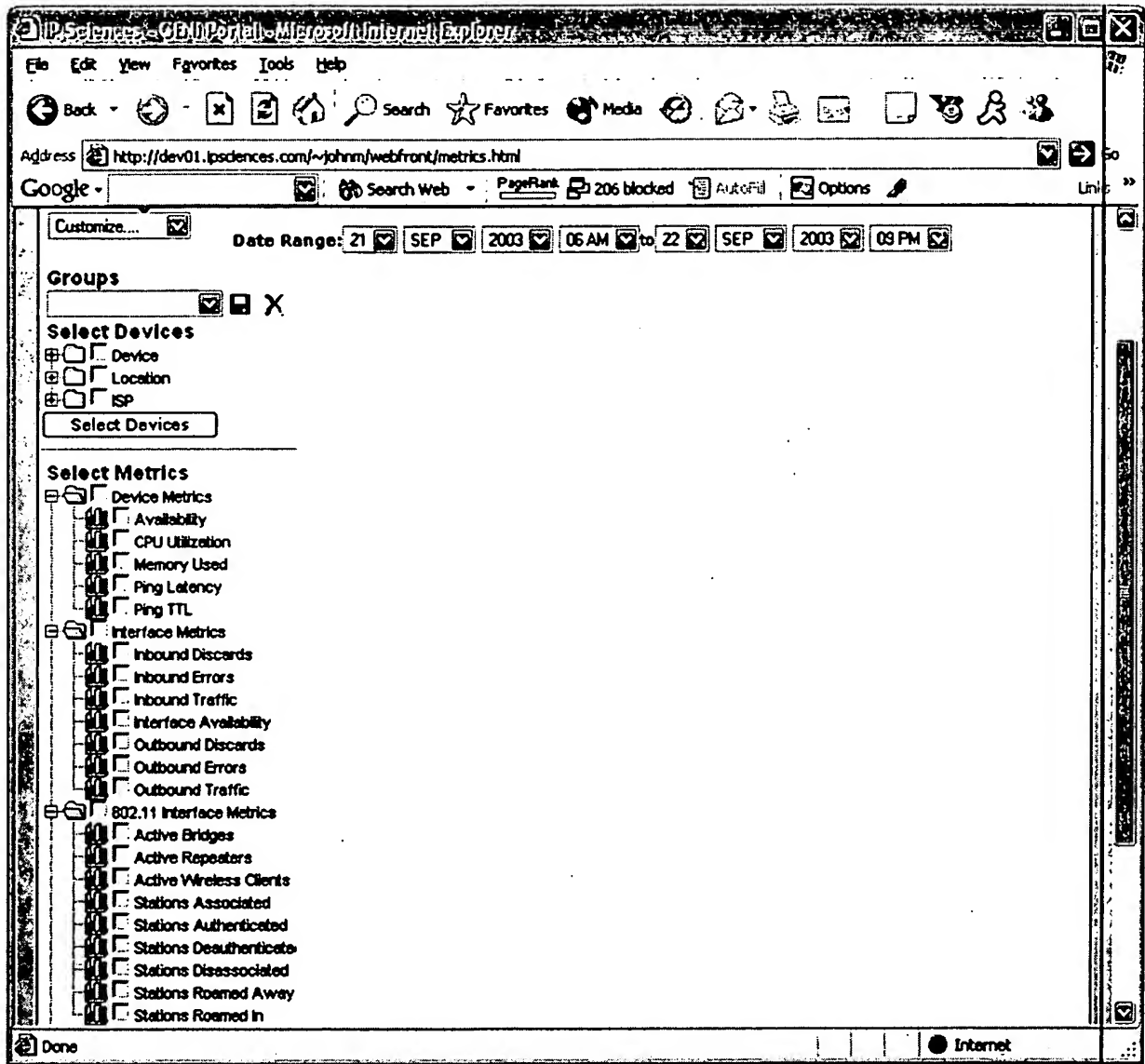


FIG. 44